M-629V/679V

SERVICE MANUAL

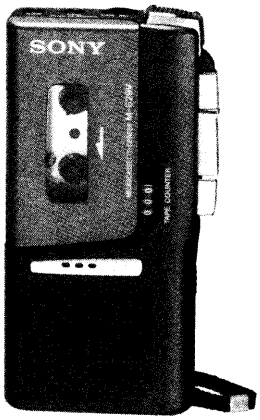


Photo: M-629V

US Model
Canadian Model
M-629V/679V
AEP Model
E Model
M-629V

Model Name Using Similar Mechanism	NEW
Tape Transport Mechanism Type	MZ-627V-14

SPECIFICATIONS

Tape
(MICROCASSETTE)™ (normal position type)
Recording system
2-track 1-channel monaural
Speaker
Approx. 3.6 cm (1 7/16 in.) dia.
Tape speed
2.4 cm/s (15/16 ips), 1.2 cm/s (15/32 ips)
Frequency range
300 – 4,000 Hz
Input
Microphone input jack (minijack/PLUG IN POWER)
sensitivity 0.24 mV for 3 kilohms or lower impedance microphone
Output
Earphone jack (minijack) for 8 – 300 ohms earphone
Power output (at 10% harmonic distortion)
160 mW
Battery life (recording)
See "Preparing Power Souces".
Power requirements
3 V DC
Two size AA (R6) batteries

Dimensions (w/h/d)
Approx. 65.1 × 121.4 × 25.2 mm (2 5/8 × 4 7/8 × 1 in.) incl. projecting parts and controls
Mass
Approx. 130 g (4.6 oz)
Supplied accessories
Micro cassette tape (1) (M-629V European model only)
Size AA (R6) batteries (2) (M-629V European model only)
AC power adaptor (1) (M-679 only)
Battery charge adaptor (1) (M-679V only)
Rechargeable batteries NC-AA, 1.2 V, 600 mAh, Ni-Cd (2) (M-679V only)

Design and specifications are subject to change without notice.

MICROCASSETTE™-CORDER

MICROFILM

SONY®

SERVICING NOTES

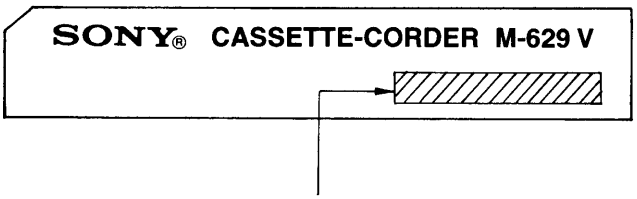
Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 ° C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

MODEL IDENTIFICATION



INDICAION OF COUNTRY OF ORIGIN:
US, Canadian, AEP, E, model
NO INDICATION OF COUNTRY OF ORIGIN: 1E model

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

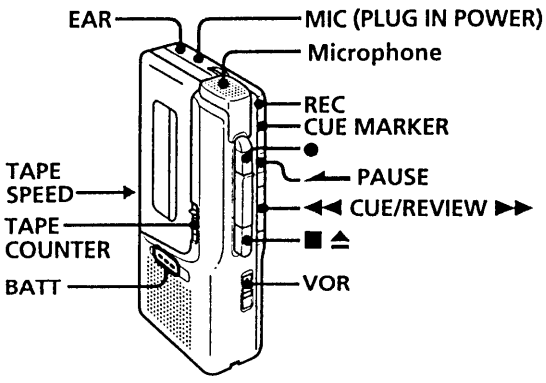
ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SECTION 1
GENERAL

This section is extracted from instruction manual.

• Parts Identification



SECTION 2
DISASSEMBLY

• This set can be disassembled in the order shown below.

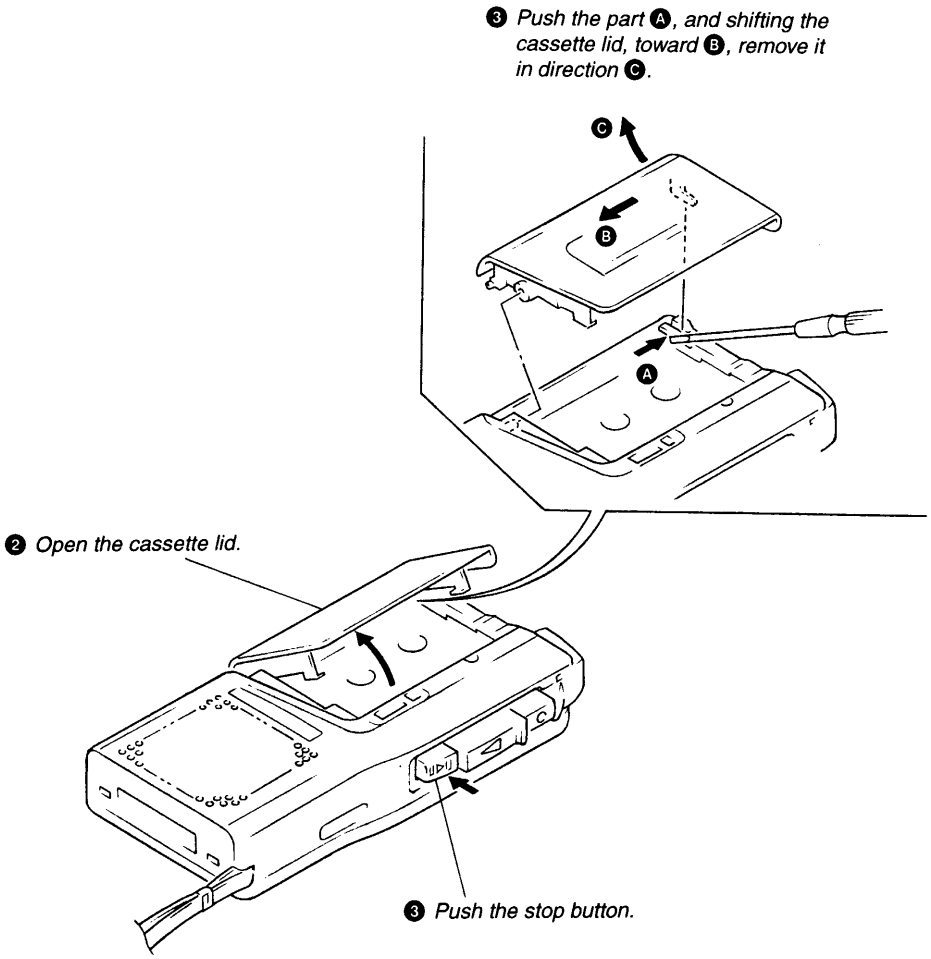
CASSETTE LID
(Page 3)

REAR CABINET (Page 4) → *MAIN BOARD* (Page 4) → *MECHANISM DECK* (Page 5) → *SPEAKER, LED BOARD* (Page 5)

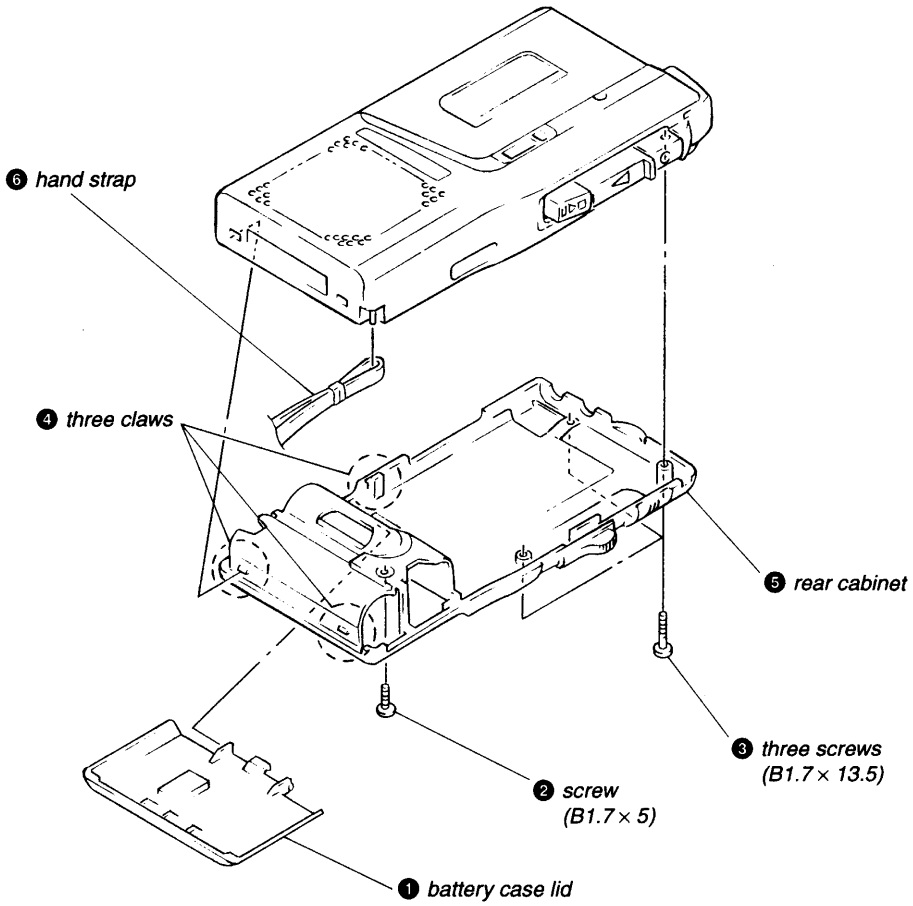
MECHANISM DECK (Page 5) → *BELT, CAPSTAN MOTOR* (Page 6)

Note: Follow the disassembly procedure in the numerical order given.

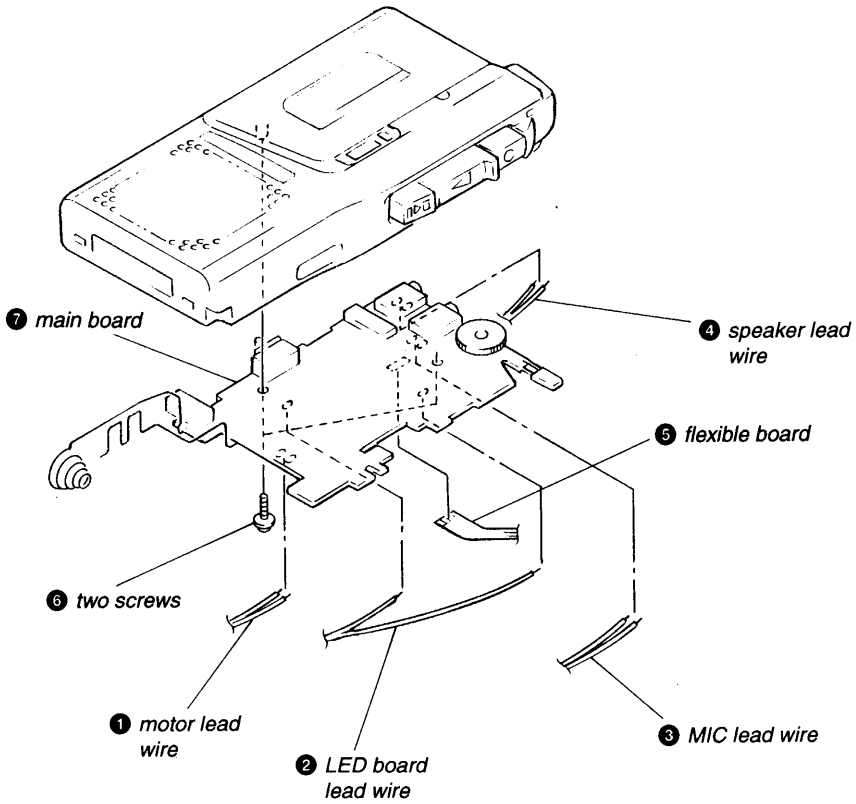
CASSETTE LID



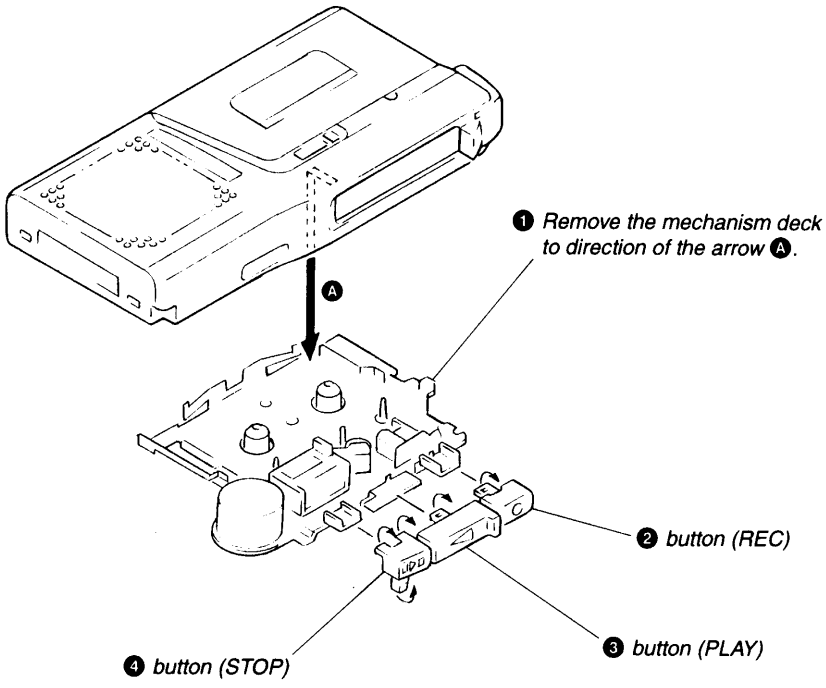
REAR CABINET



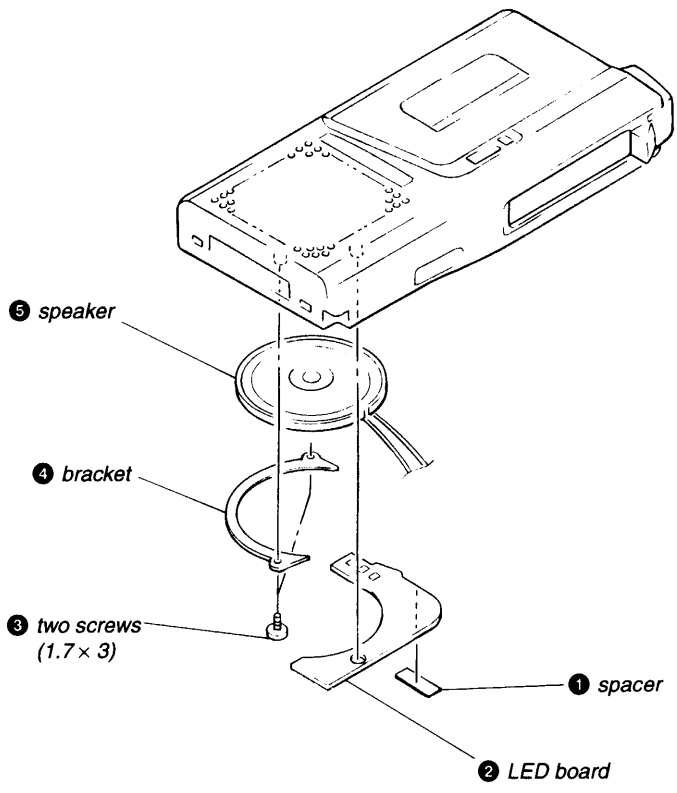
MAIN BOARD



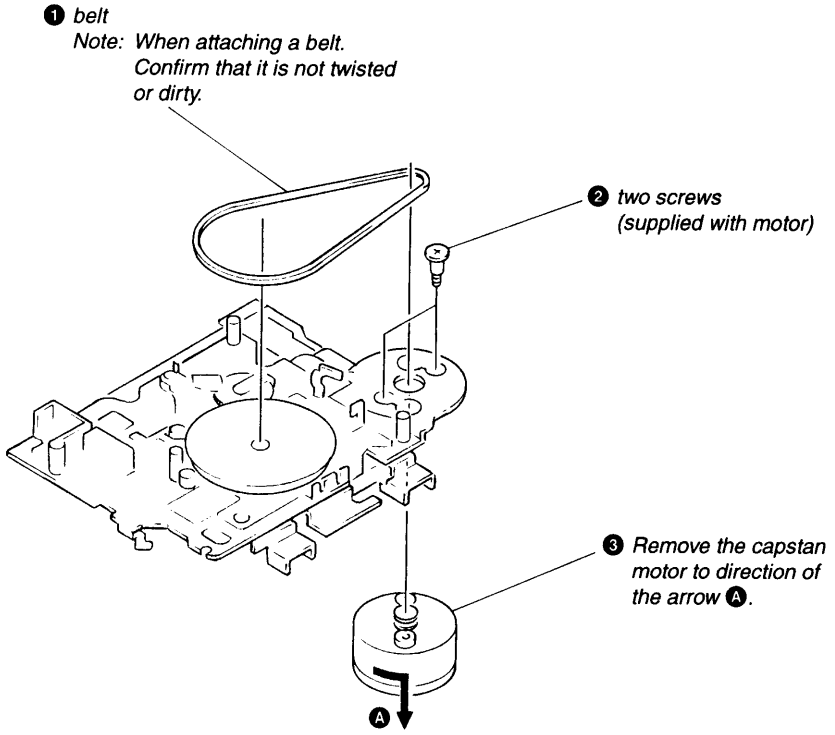
MECHANISM DECK



SPEAKER, LED BOARD



BELT, CAPSTAN MOTOR



SECTION 3
ADJUSTMENTS

2-1. MECHANICAL ADJUSTMENTS AND MEASUREMENT

PRECAUTION

1. Clean the following parts with a denatured-alcohol-moistened swab:
   record/play back/erace head pinch roller
   rubber belts capstan
2. Demagnetize the record/playback head with a head demagentizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
   Power supply voltage: 3 Vdc
   TAPE SPEED switch: 2.4 cm

Torque Measurement

Torqu	Torqu Meter	Meter Reading
Forward	CQ-103M	5 – 13 g•cm (0.07– 0.180 oz•inch)
Fast Forward	CQ-201M	5 – 13 g•cm (0.07 – 0.180 oz•inch)
Rewind	CQ-201M	more than 15 g•cm (more than 0.21 oz•inch)

Tape Tension Measurement

Mode	Tension Meter	Meter Reading
Forward	CQ-403M	more than 30 g (more than 1.06 oz)

2-2. ELECTRICAL ADJUSTMENTS

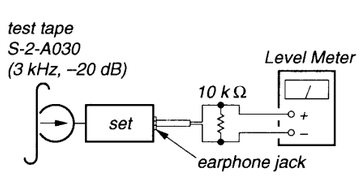
Test Tape

Type	Signal	Used for	Tape Speed (cm/s)
WS-12	3 kHz, –10 dB	Tape Speed Adjustment	1.2
WS-24			2.4
S-2-A030	3 kHz, –20 dB	Head Azimuth Adjustment	2.4

Record/Playback Head Azimuth Adjustment

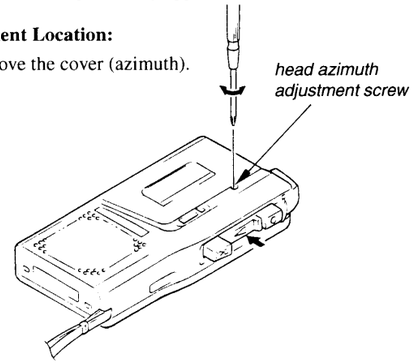
Setting:
VOLUME control : mechanical mid
TAPE SPEED switch : 2.4 cm/s
VOR switch : OFF

Procedure:
1. Mode: playback



2. Turn the adjustment screw to obtain the maximum reading on Level Meter.
   Note: Several peaks may appear, but the maximum.

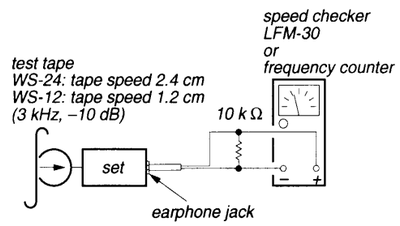
Adjustment Location:
First remove the cover (azimuth).



Tape Speed adjustment

Setting:
VOLUME control : mechanical mid
VOR switch : OFF

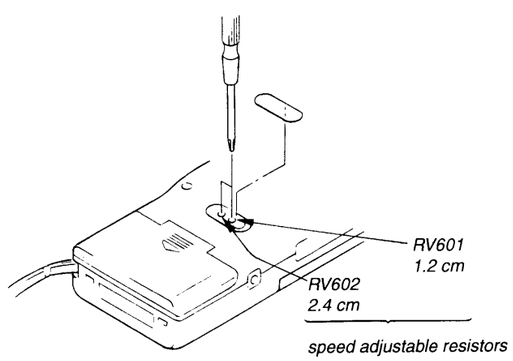
Procedure:
- Reform 2.4 cm/s speed adjustment before 1.2 cm/s speed adjustment
  mode: playback



Tape Speed	Speed checker	Frequency counter
2.4 cm/s	± 3%	3,000 ± 90 Hz
1.2 cm/s	± 3%	3,000 ± 90 Hz

Frequency difference between the biginning and the end of the tape should be within 0.5%.
2.4 cm/s (15 Hz)
1.2 cm/s (15 Hz)

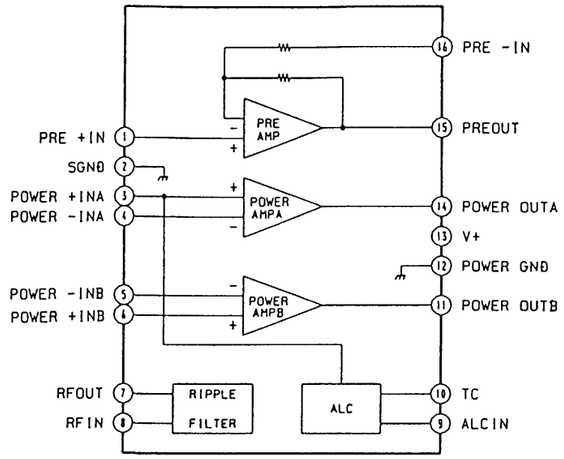
Adjustment Location:



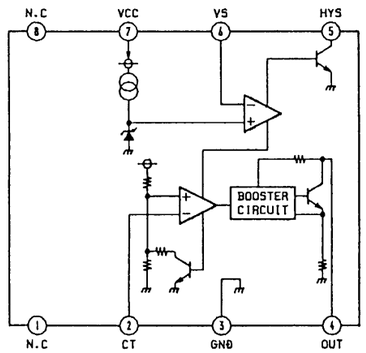
SECTION 4
DIAGRAMS

- **IC Block Diagrams**

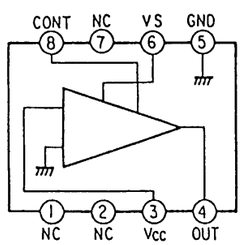
IC101 NJM2128M



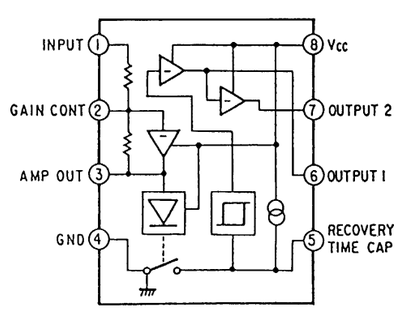
IC501 MM1251BFBE



IC601 LA5521M

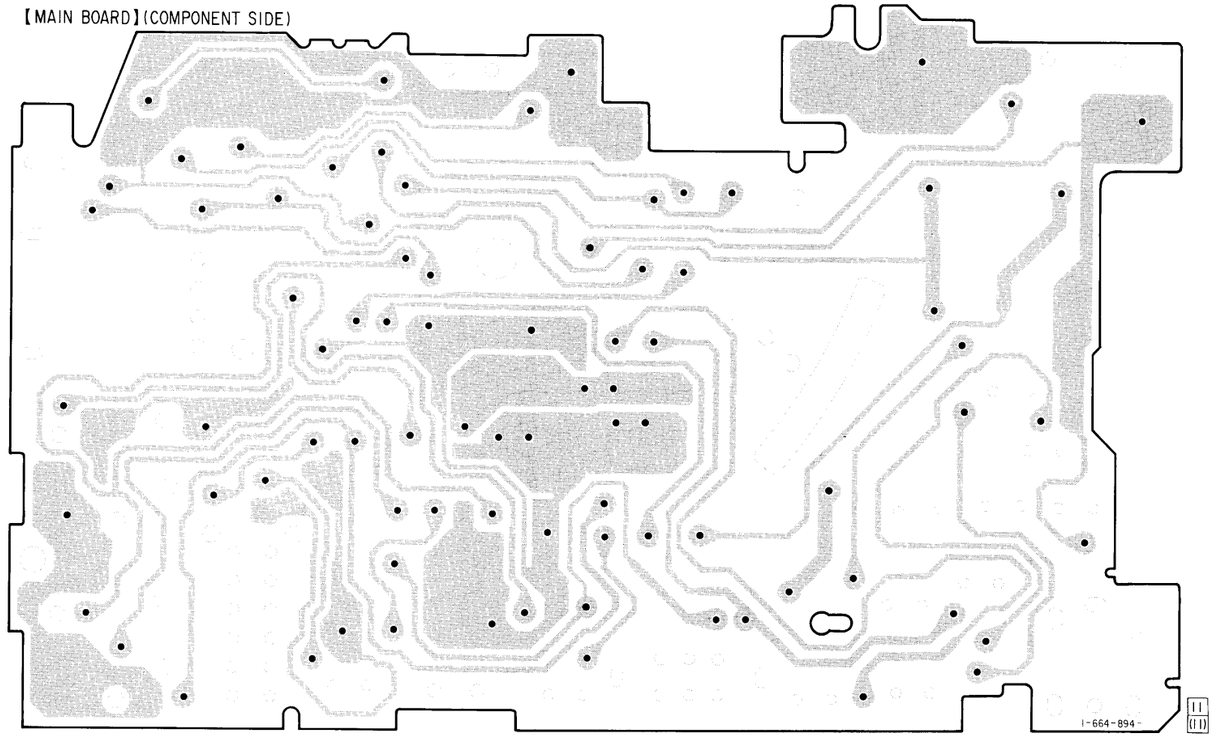


IC701 NJM2072M



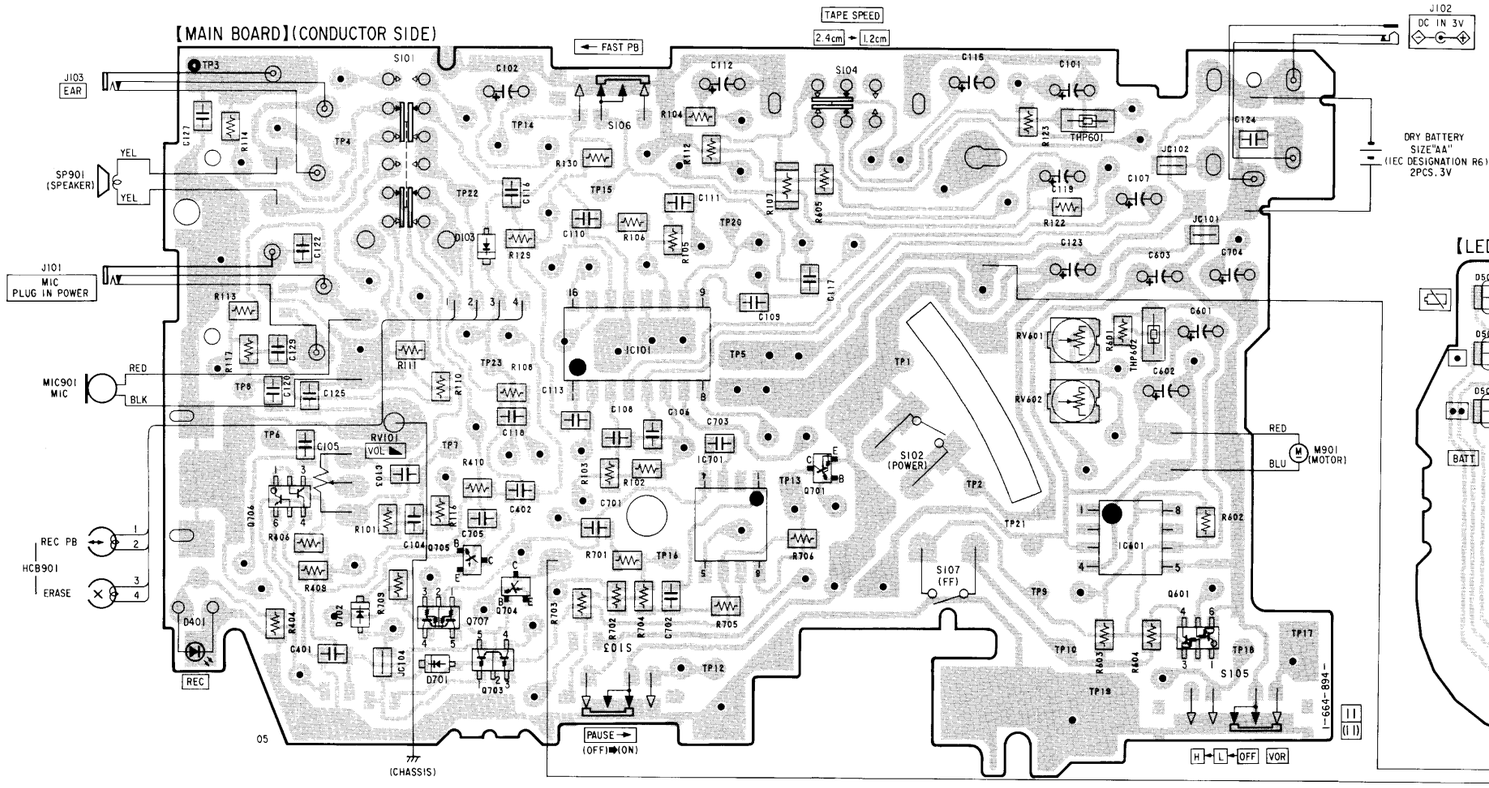
4-1. PRINTED WIRING BOARD

【MAIN BOARD】(COMPONENT SIDE)

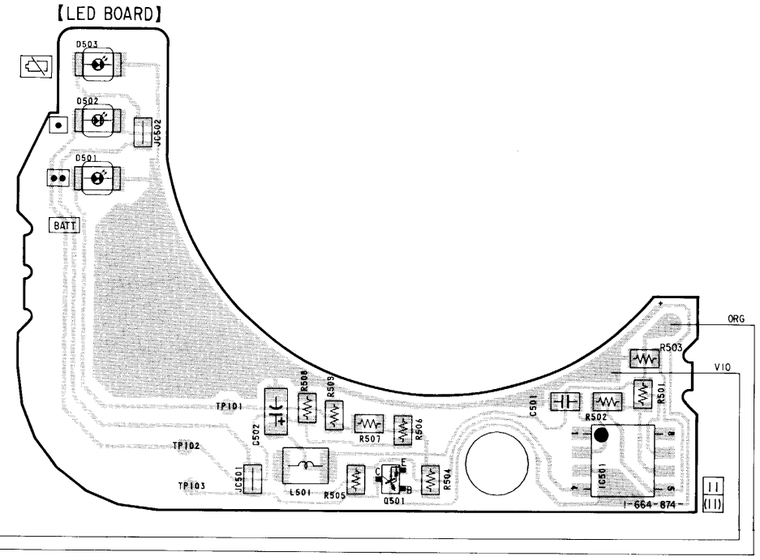


1-664-894-

【MAIN BOARD】(CONDUCTOR SIDE)



【LED BOARD】



• Semiconductor Location

Ref. No.	Location
D103	H-4
D401	J-2
D501	I-11
D502	H-11
D503	H-11
D701	J-4
D702	J-3
IC101	H-5
IC501	K-15
IC601	J-8
IC701	I-6
Q501	K-13
Q601	J-9
Q701	I-6
Q703	J-4
Q704	J-4
Q705	J-4
Q706	I-3
Q707	J-4

Note on Printed Wiring Board:

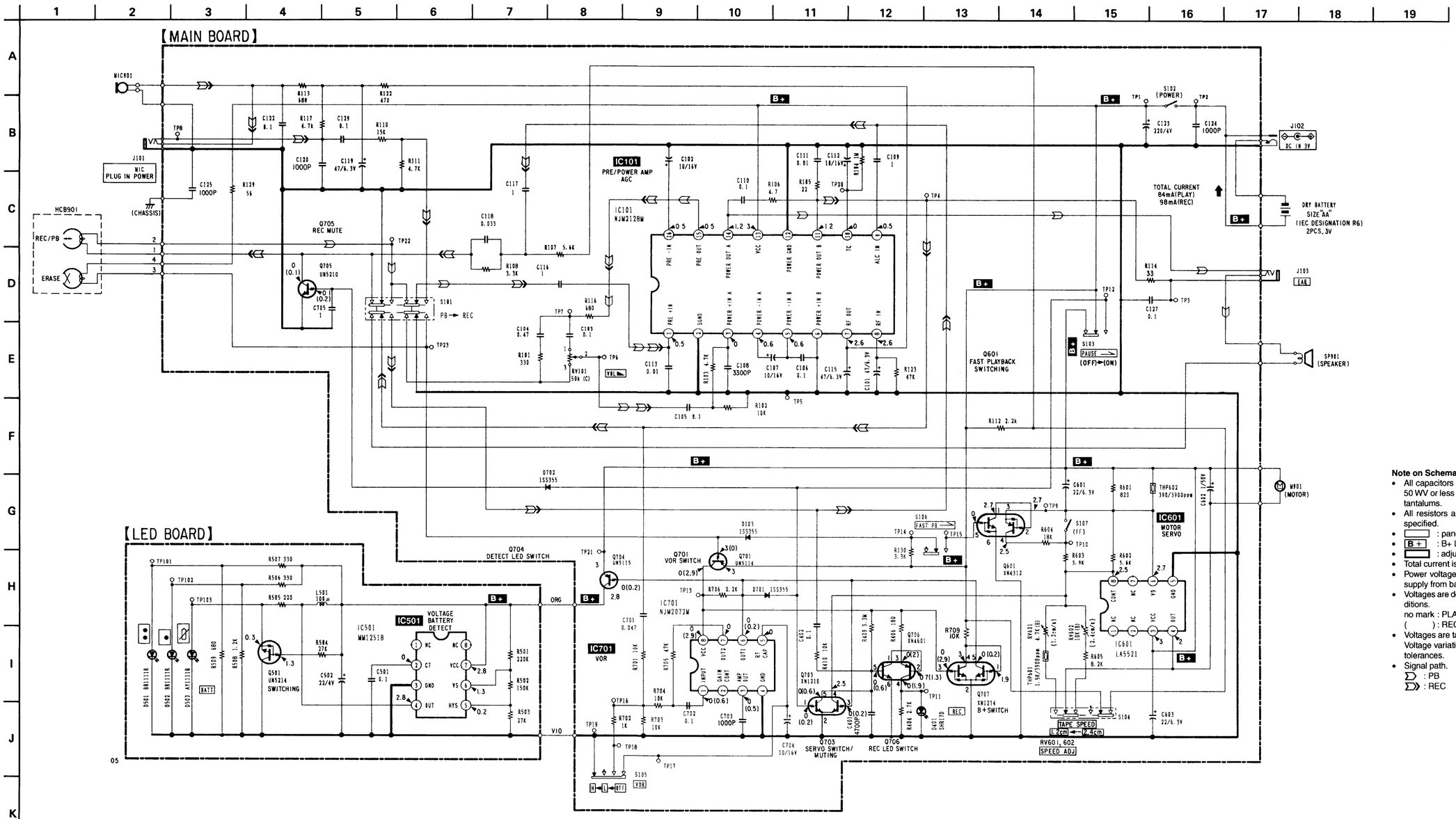
- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ● : Through hole.
- ▒▒▒ : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

Caution:

Pattern face side: (Conductor Side)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Component Side)	Parts on the parts face side seen from the parts face are indicated.

4-2. SCHEMATIC DIAGRAM • See page 8 for IC Block Diagrams.



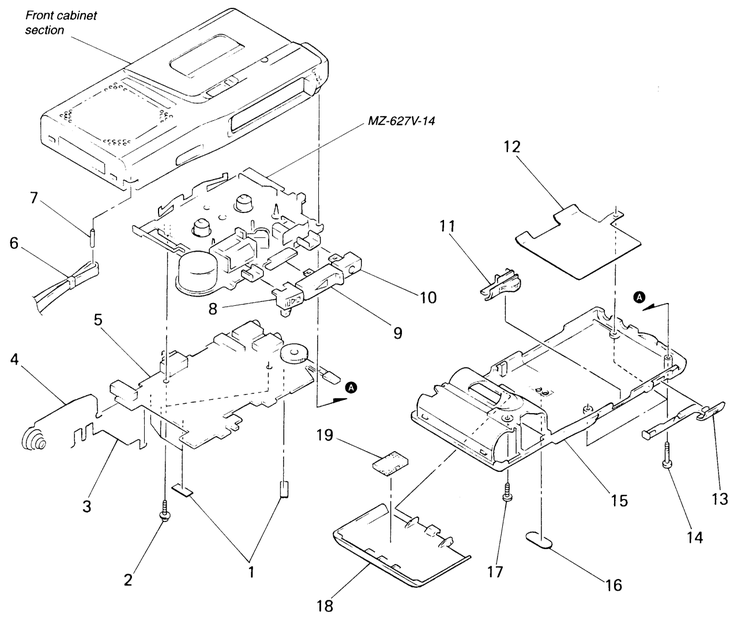
Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- ▭ : panel designation.
- B+ : B+ Line.
- ▭ : adjustment for repair.
- Total current is measured with no cassette installed.
- Power voltage is dc 3 V and fed with regulated dc power supply from battery terminal.
- Voltages are dc with respect to ground under no-signal conditions.
  no mark : PLAY
  ( ) : REC
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ▷ : PB
  ▷▷ : REC

SECTION 5
EXPLODED VIEWS

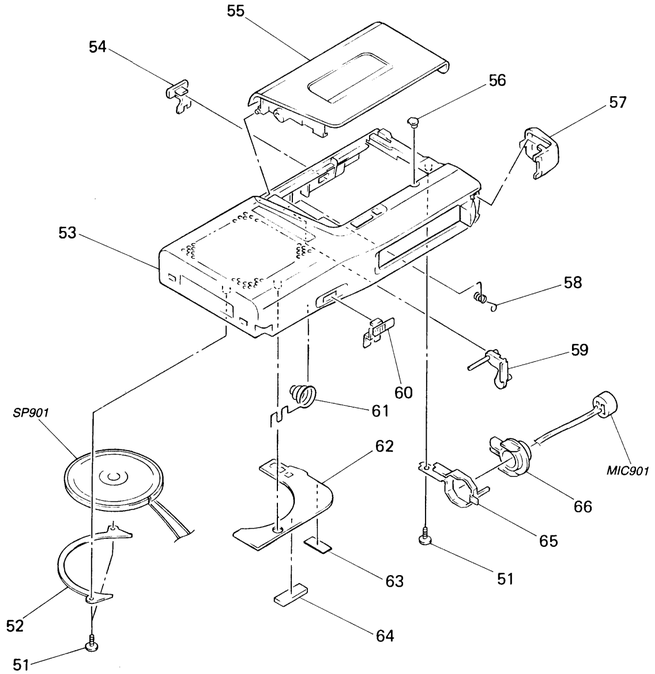
NOTE:
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories and packing materials are given in the last of the electrical parts list.

(1) MAIN SECTION



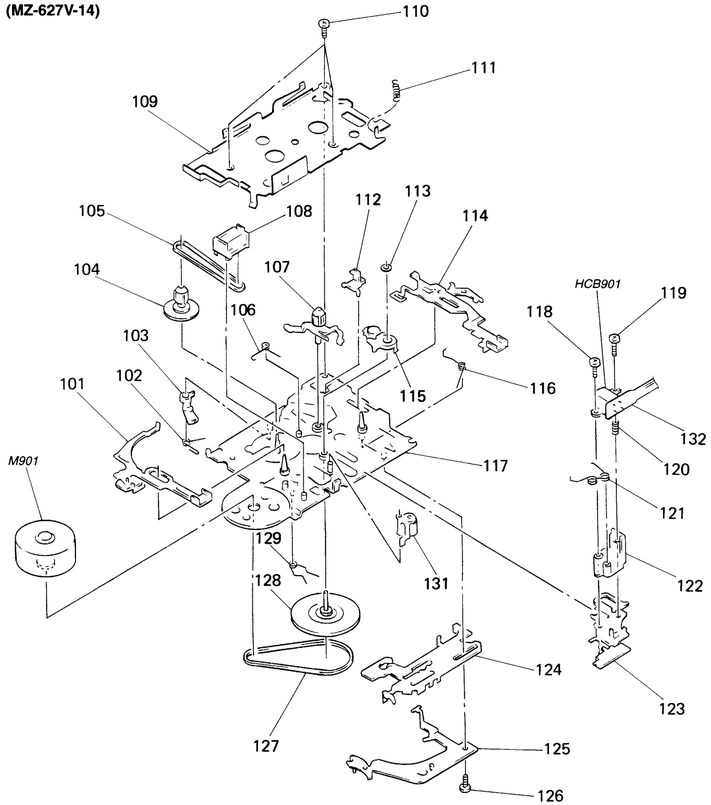
Ref.No.	Part No.	Description	Remark
1	3-831-441-XX	SPACER, KNOB	
2	3-342-156-51	SCREW	
3	3-010-502-01	TERMINAL (A), BATTERY	
4	3-010-504-01	SPRING (C), BATTERY COIL	
* 5	A-3016-897-A	MAIN BOARD, COMPLETE	
6	3-328-319-01	STRAP, HAND	
7	3-669-481-07	PIN (DIA.1X10), PARALLEL	
8	3-010-493-01	BUTTON (STOP)	
9	3-010-492-01	BUTTON (PLAY)	
10	3-010-491-01	BUTTON (REC)	
11	3-010-494-01	KNOB (FR)	
12	3-914-929-01	PAPER, SHIELD	
13	3-010-495-01	KNOB (PAUSE-A)	
14	3-334-565-21	SCREW (B1.7X13.5), TAPPING	
15	3-010-482-01	CABINET (REAR)	
16	3-358-363-31	PLATE, BLIND	
17	3-318-203-72	SCREW (B1.7X5), TAPPING	
18	3-914-950-21	LID, BATTERY CASE	
* 19	3-914-930-01	CUSHION (BATTERY CASE LID)	

(2) FRONT CABINET SECTION



Ref.No.	Part No.	Description	Remark
51	3-318-382-31	SCREW (1.7X3), TAPPING	
* 52	3-010-501-01	BRACKET (SPEAKER)	
53	X-3373-401-1	CABINET (FRONT) ASSY (Made in china) (629V:US,Canadian,AEP,E)	
53	X-3373-402-1	CABINET (FRONT) ASSY (629V:E)	
53	X-3373-404-1	CABINET (FRONT) ASSY (Made in china) (679V)	
54	3-010-498-01	KNOB (F-PB)	
55	X-3373-400-1	LID (B) ASSY, CASSETTE (629V)	
55	X-3373-403-1	LID (B) ASSY, CASSETTE (679V)	
56	3-010-500-01	COVER (AZIMUTH)	
57	3-010-488-01	CABINET (MIC)	
58	3-914-931-01	SPRING (TOGGLE), TORSION	
59	3-010-499-01	ARM (EJECT)	
60	3-010-497-01	KNOB (VOR)	
61	3-010-503-01	SPRING (B), BATTERY COIL	
* 62	A-3061-424-A	LED BOARD, COMPLETE	
63	3-831-441-XX	SPACER, KNOB	
* 64	3-917-219-01	CUSHION (SPK)	
* 65	3-010-490-01	BRACKET (MIC)	
* 66	3-010-489-01	CUSHION (MIC)	
MIC901	1-542-136-11	MICROPHONE, ELECTRET CONDEDSER	
SP901	1-505-384-11	SPEAKER (3.6CM)	

(3) MECHANISM DECK SECTION (MZ-627V-14)



Ref.No.	Part No.	Description	Remark
* 101	X-3368-486-1	LEVER (STOP) ASSY	
102	3-914-906-01	SPRING (S.OFF), TORSION	
103	3-914-915-01	ARM (S.OFF)	
104	X-3368-582-1	REEL ASSY, T	
105	3-343-948-01	BELT	
106	3-914-907-01	SPRING (MIDWAY GEAR), TORSION	
107	X-3368-587-1	REEL ASSY, S	
108	1-548-579-21	COUNTER, TAPE (SMALL TYPE)	
* 109	3-914-923-01	COVER, MD	
110	3-331-047-01	SCREW (M1.4X1.4),SPECIAL HEAD	
111	3-914-908-01	SPRING (REC LOCK), TENSION	
112	3-914-916-01	ARM (CLAW DETECTION)	
113	3-331-007-21	WASHER	
* 114	X-3368-583-1	LEVER (REC) ASSY	
115	X-3368-584-1	ARM (MIDWAY GEAR) ASSY	
116	3-914-904-01	SPRING (PFR), TORSION	
* 117	X-3369-557-1	CHASSIS COMPLETE ASSY (D)	
118	3-704-245-42	SCREW (1.4)	
119	3-366-746-51	SCREW (M1.4X6.5)	
120	3-378-792-01	SPRING, COMPRESSION	
121	3-914-902-01	SPRING (P), TORSION	
122	3-914-914-01	GUIDE, TAPE	
* 123	3-914-913-01	LEVER (PLAY)	
* 124	3-914-919-01	SLIDER (FR)	
* 125	3-914-920-01	PLATE (FR), LOCK	
126	3-704-243-11	SCREW (P1.7X2.0)	
127	3-377-420-11	BELT	
128	X-3371-272-1	FLYWHEEL (M) ASSY	
129	3-914-903-01	SPRING (FR), TORSION	
131	X-3368-585-1	PINCH LEVER ASSY	
132	1-654-081-11	HEAD FLEXIBLE BOARD	
HCB901	1-500-135-11	HEAD, MAGNETIC (REC/PB/ERASE)	
M901	1-698-533-11	MOTOR, DC (CAPSTAN/REEL)	

SECTION 6
ELECTRICAL PARTS LIST

LED **MAIN**

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u:μ, for example:
  uA..: μA.. uPA..: μPA..
  uPB..: μPB.. uPC..: μPC.. uPD..: μPD..
- CAPACITORS
  uF: μF
- COILS
  uH: μH

When indicating parts by reference number, please include the board.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description			Remark
*	A-3061-424-A	LED BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C501	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C502	1-104-847-11	TANTAL. CHIP	22uF	20%	4V
		< DIODE >			
D501	8-719-062-42	DIODE	BR1111R-TR		
D502	8-719-062-42	DIODE	BR1111R-TR		
D503	8-719-062-43	DIODE	AY1111R-TR		
		< IC >			
IC501	8-759-399-49	IC	MM1251BFBE		
		< JUMPER RESISTOR >			
JC501	1-216-295-00	CONDUCTOR, CHIP		(2012)	
JC502	1-216-295-00	CONDUCTOR, CHIP		(2012)	
		< COIL >			
L501	1-412-032-11	INDUCTOR CHIP	100uH		
		< TRANSISTOR >			
Q501	8-729-402-93	TRANSISTOR	UN5214-TX		
		< RESISTOR >			
R501	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R502	1-216-101-00	METAL CHIP	150K	5%	1/10W
R503	1-216-083-00	METAL CHIP	27K	5%	1/10W
R504	1-216-083-00	METAL CHIP	27K	5%	1/10W
R505	1-216-033-00	METAL CHIP	220	5%	1/10W
R506	1-216-037-00	METAL CHIP	330	5%	1/10W
R507	1-216-037-00	METAL CHIP	330	5%	1/10W
R508	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R509	1-216-045-00	METAL CHIP	680	5%	1/10W
**********					
*	A-3016-897-A	MAIN BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C101	1-104-357-11	ELECT	47uF	20%	6.3V
C102	1-104-396-11	ELECT	10uF	20%	16V
C103	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C104	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C105	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C106	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C107	1-104-396-11	ELECT	10uF	20%	16V
C108	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V
C109	1-164-346-11	CERAMIC CHIP	1uF		16V
C110	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C111	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C112	1-104-396-11	ELECT	10uF	20%	16V
C113	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C115	1-104-357-11	ELECT	47uF	20%	6.3V
C116	1-164-346-11	CERAMIC CHIP	1uF		16V
C117	1-164-346-11	CERAMIC CHIP	1uF		16V
C118	1-163-989-11	CERAMIC CHIP	0.033uF	10%	25V
C119	1-104-357-11	ELECT	47uF	20%	6.3V
C120	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C122	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C123	1-124-434-00	ELECT	220uF	20%	4V
C124	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C125	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C127	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C129	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C401	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C402	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C601	1-126-153-11	ELECT	22uF	20%	6.3V
C602	1-104-411-11	ELECT	1uF	20%	50V
C603	1-126-153-11	ELECT	22uF	20%	6.3V
C701	1-163-035-00	CERAMIC CHIP	0.047uF		50V
C702	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C703	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C704	1-104-396-11	ELECT	10uF	20%	16V
C705	1-164-346-11	CERAMIC CHIP	1uF		16V
		< DIODE >			
D103	8-719-988-62	DIODE	1SS355		
D401	8-719-062-18	DIODE	SHR17D-TNBO		
D701	8-719-988-62	DIODE	1SS355		
D702	8-719-988-62	DIODE	1SS355		
		< IC >			
IC101	8-759-339-54	IC	NJM-2128M-TE2		
IC601	8-759-804-43	IC	LA5521M		
IC701	8-759-701-51	IC	NJM2072M		

MAIN

Ref. No.	Part No.	Description			Remark
		< JACK >			
J101	1-766-156-11	JACK			
J102	1-580-372-41	JACK, DC (POLARITY UNIFIED TYPE)			
J103	1-766-156-11	JACK			
		< JUMPER RESISTOR >			
JC101	1-216-295-00	CONDUCTOR, CHIP			(2012)
JC102	1-216-295-00	CONDUCTOR, CHIP			(2012)
JC104	1-216-295-00	CONDUCTOR, CHIP			(2012)
		< TRANSISTOR >			
Q601	8-729-420-20	TRANSISTOR	XN4312		
Q701	8-729-402-96	TRANSISTOR	UN5114		
Q703	8-729-022-66	TRANSISTOR	XN1210-TX		
Q704	8-729-420-53	TRANSISTOR	UN5115		
Q705	8-729-420-44	TRANSISTOR	UN5210		
Q706	8-729-402-84	TRANSISTOR	XN4601		
Q707	8-729-420-16	TRANSISTOR	XN1214		
		< RESISTOR >			
R101	1-216-037-00	METAL CHIP	330	5%	1/10W
R102	1-216-073-00	METAL CHIP	10K	5%	1/10W
R103	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R104	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R105	1-216-009-00	METAL CHIP	22	5%	1/10W
R106	1-216-308-00	METAL CHIP	4.7	5%	1/10W
R107	1-216-216-00	METAL GLAZE	5.6K	5%	1/8W
R108	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R110	1-216-077-00	METAL CHIP	15K	5%	1/10W
R111	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R112	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R113	1-216-045-00	METAL CHIP	680	5%	1/10W
R114	1-216-013-00	METAL GLAZE	33	5%	1/10W
R116	1-216-045-00	METAL CHIP	680	5%	1/10W
R117	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R122	1-216-041-00	METAL CHIP	470	5%	1/10W
R123	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R129	1-216-019-00	METAL CHIP	56	5%	1/10W
R130	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R404	1-216-059-00	METAL CHIP	2.7K	5%	1/10W
R406	1-216-031-00	METAL CHIP	180	5%	1/10W
R409	1-216-133-00	METAL CHIP	3.3M	5%	1/10W
R410	1-216-073-00	METAL CHIP	10K	5%	1/10W
R601	1-216-047-00	METAL GLAZE	820	5%	1/10W
R602	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R603	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W
R604	1-216-079-00	METAL CHIP	18K	5%	1/10W
R605	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R701	1-216-073-00	METAL CHIP	10K	5%	1/10W
R702	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R703	1-216-073-00	METAL CHIP	10K	5%	1/10W
R704	1-216-073-00	METAL CHIP	10K	5%	1/10W
R705	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R706	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R709	1-216-073-00	METAL CHIP	10K	5%	1/10W
		< VARIABLE RESISTOR >			
RV101	1-225-435-11	RES, VAR, CARBON 50K (VOL ▬)			
RV601	1-223-994-21	RES, CARBON ADJ VAR 4.7K (1.2cm/s)			
RV602	1-223-995-21	RES, CARBON ADJ VAR 10K (2.4cm/s)			
		< SWITCH >			
S101	1-692-999-11	SWITCH, SLIDE (PB→REC)			
S102	1-572-688-11	SWITCH, PUSH (1 KEY) (POWER)			
S103	1-572-922-11	SWITCH, SLIDE (PAUSE→)			
S104	1-571-478-11	SWITCH, SLIDE (TAPE SPEED)			
S105	1-692-605-31	SWITCH, SLIDE (VOR)			
S106	1-572-922-11	SWITCH, SLIDE (FAST PB →)			
S107	1-572-688-11	SWITCH, PUSH (1 KEY) (FF)			
		< THERMISTOR (POSITIVE) >			
THP601	1-808-956-11	THERMISTOR, POSITIVE 1.5K/3900ppm			
THP602	1-810-552-11	THERMISTOR, POSITIVE 390/3900ppm			

****

MISCELLANEOUS

****

108	1-548-579-21	COUNTER, TAPE (SMALL TYPE)
132	1-654-081-11	HEAD FLEXIBLE BOARD
HCB901	1-500-135-11	HEAD, MAGNETIC (REC/PB/ERASE)
M901	1-698-533-11	MOTOR, DC (CAPSTAN/REEL)
MIC901	1-542-136-11	MICROPHONE, ELECTRET CONDEDSER
SP901	1-505-384-11	SPEAKER (3.6CM)

****

ACCESSORIES & PACKING MATERIALS

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⚠	1-528-405-21	ADAPTOR, BATTERY CHARGE (679V)
⚠	1-693-073-21	ADAPTOR, AC (AC-E351) (679V)
	3-859-242-11	MANUAL, INSTRUCTION (ENGLISH) (629V:US, Canadian/679V)
	3-859-242-21	MANUAL, INSTRUCTION (FRENCH) (629V:Canadian/679V:Canadian)
	3-859-242-31	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (629V:AEP, E)
	3-859-242-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (629V:AEP)
	3-859-242-51	MANUAL, INSTRUCTION (ENGLISH, FRENNCH, SPANISH, PORTUGUESE) (629V:E)
	3-859-242-61	MANUAL, INSTRUCTION (CHINESE) (629V:E)
	3-914-895-04	CASE, CARRYING (629V:AEP)
*	3-916-688-01	CUSHION (EXCEPT 629V:US/679V:US)
*	3-916-760-01	CUSHION (TOP) (629V:US/679V:US)
*	3-916-761-01	CUSHION (BOTTOM) (629V:US/679V:US)

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

9-923-155-11

Sony Corporation
Personal A&V Products Company

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M-629V/679V

SONY

SERVICE MANUAL

US Model
Canadian Model
M-629V/679V
AEP Model
E Model
M-629V

SUPPLEMENT-1

File this supplement with the service manual.

Subject: Addition of East European Model

Addition of East European Model
East European model have been added.
There are the same as AEP model which is mot described in this supplement-1.
Refer to M-629V original service manual (9-923-155-11) for the other imformations.

ACCESSORIES & PACKING MATERIALS

Page	AEP model				East European model			
	Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
18		3-859-242-31	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (629V: AEP, E)			3-859-242-34	MANUAL, INSTRUCTION (ENGLISH, GERMAN, SPANISH, PORTUGUESE)	
		3-859-242-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (629V: AEP)			3-859-242-91	MANUAL, INSTRUCTION (RUSSIAN, HUNGARIAN, CZECH, POLISH)	

9-923-155-81

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